

NPS  
95 OH



Reply To: 3410

Date: November 14, 1995

Mr. Steve Cinnamon  
Integrated Pest Management Coordinator  
USDI National Park Service  
Midwest Region  
1709 Jackson Street  
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-1995 gypsy moth trapping program at two National Park Service sites within the Midwest Region is enclosed for your information (Table 1). The purpose of the trapping program is to monitor low level gypsy moth populations and help determine when more intensive survey methods should be employed.

I am pleased to report that no male gypsy moths were trapped at Hopewell Culture National Historical site. Gypsy moths will not have an impact on the forest resources in the immediate future.

Gypsy moth catches this past trapping season at Cuyahoga Valley Recreation Area averaged 261 moths per trap. This is a 143 percent increase from last year. A total of 13 gypsy moth egg masses were detected in the vicinity of trap #160. As trap counts increase, it becomes important to record other gypsy moth life stages that are observed throughout the year and egg mass surveys should be continued as they help define reproducing populations.

Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

KAREN D. FELTON  
Forestry Technician  
Forest Health Protection

Enclosure

cc: AO  
Garree Williamson, Cuyahoga Valley NRA  
Robert Petersen, Hopewell Culture NHS  
Allen Baumgard, OHDA

KDF/blm



Table 1.--Summaries of the 1983-1995 gypsy moth trapping program at two USDI National Park Service sites, Midwest Region.

Cuyahoga Valley National Recreation Area (Cuyahoga and Summit Counties, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	20	4	6,11,15,19
1984	20	0	--
1985	20	1	5
1986	20	30	1-3,5-10,12,14,16,29
1987	235	100	25%
1988	247	127	25%
1989	135	897	50%
1990	194	834	50%
1991	205	2,886	>75%
1992	187	6,054	All except 1,55,166,210
1993	159	30,651	75%
1994	182	33,262	>75%
1995	110	28,732	All

Hopewell Culture National Historical Site (Rose County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--
1995	10	0	--